1x2, 1x4, 1x8 VGA Distribution Amplifier

User Manual

AT-VGA14A

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Congratulations on purchasing your Atlona AT-VGA12A, AT-VGA14A , AT-VGA18A. The Atlona AT-VGA12A, AT-VGA14A and AT-VGA18A are the 1x2, 1x4 and 1x8 VGA~QXGA (640x480~2048x1536) Distribution Amplifiers with Audio Support. All 3 models are featured 730 MHz video bandwidth which allows for a distribution 2K and above resolutions with perfect video quality. The Atlona Distribution Amplifiers are designed for a high profile commercial use where the reliability is most important. The amplifiers have the ability to be powered though 5V power supply and in case if power supply fails, the distribution amplifier will be able to pick up power though VGA Cable connected to the input of the Distribution Amplifier. Atlona has also implemented USB power in case of the first two fail.

Atlona recommends this products for Airports, Museums, Conference rooms, Laboratories or any other applications of high importance.

- **Note**: Power Supply or USB Power maybe required to view all 4 displays when sending resolutions above 2048x1080p.

Features

- 3 x Power options: Self Powered via Computer VGA output, USB and 5V Power supply.
- Plug and Play - no driver or software installation needed.
- Connects up to 4 displays with stereo audio at resolutions up to 2056x1536
- Supports VGA 2K resolutions up to 2048 x 1536 @ 60/70/75Hz
- Video amplifier bandwidth: 730 MHz

AT-VGA41A

Front

1. **Power Supply (optional, not required if resolution on all outputs is below 2048x1080p)**
2. **Power Indicator**
3. **Spare USB Port (AUX Power)**
4. **Audio Input**
5. **HD15 Input**

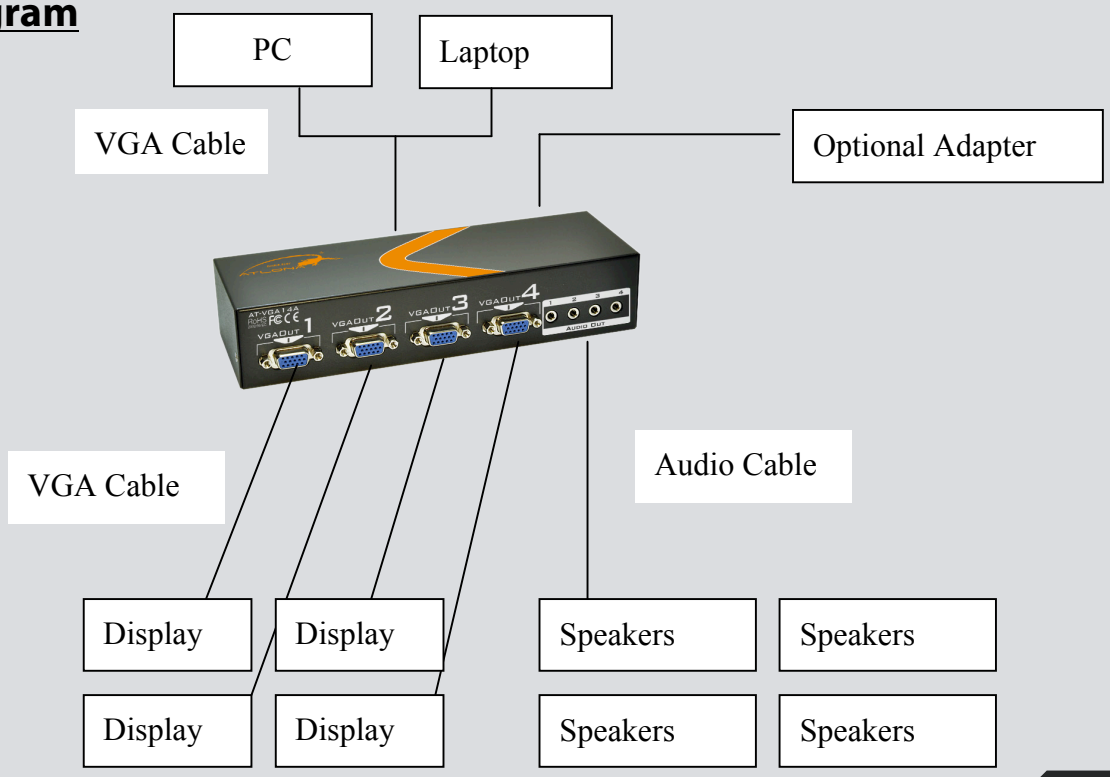
Rear

1. **HD15 Outputs**
2. **Audio Outputs**

Specification

SKU #		AT-VGA12A/AT-VGA14A/AT-VGA18A
SKU Name		1x2, 1x4 and 1x8 VGA Distribution Amplifier
Input	**Video**	1 x HD15 female
	Audio	1 x 3.5mm (1/8") Stereo Audio female
	USB power	1 x USB (AUX Power)
Outputs		4 x HD15 female 4 x 3.5mm (1/8") Stereo Audio female
Supported Resolutions		From VGA~QXGA (640x480 to 2048x1536) and 2K (2048x1080p)
Video Bandwidth		730 MHz
Support Audio		Stereo Audio
Weight (LB)		2.1LB
Power Supply		DC 5V / 2A (optional)
Material		Iron
Dimensions (mm/inch)		210 x 68 x 43 / 8.26 x 2.67 x 1.69
Operating Temperature		0° C ~48° C

Diagram



SAFETY INFORMATION

Safeguards

- To reduce the risk of electric shock, do not expose this product to rain or moisture.
- If the wall plug does not fit into your local power socket, hire an electrician to replace your obsolete socket.
- Do not modify the wall plug.
  Doing so will void the warranty and safety features.
- This equipment should be installed near the socket outlet and the device should be easily accessible in case it requires disconnection.

Precautions

- FCC Regulations state that any unauthorized changes or modifications to this equipment not expressly approved by the manufacturer could void the user's authority to operate this equipment.
- Operate this product using only the included external power supply. Use of other power supplies could impair performance, damage the product or cause fires.
- In the event of an electrostatic discharge, this device may automatically turn off. If this occurs, unplug the device, and plug it back in.
- Protect and route power cords so they will not be stepped on or pinched by anything placed on or against them. Be especially careful of plug-ins, or cord exit points from this product.
- Avoid excessive humidity, sudden temperature changes or temperature extremes.
- Keep this product away from wet locations such as bathtubs, sinks, laundries, wet basements and swimming pools.
- Use only accessories recommended by ATLONA to avoid fire, shock or other hazards.
- Unplug the product before cleaning. Use a damp cloth for cleaning. Do not use cleaning fluid or aerosols, which could enter the unit and cause damage, fire or electrical shock. Some substances may also mar the finish of the product.
- Never open or remove unit panels or make any adjustments not described in this manual. Attempting to do so could expose you to dangerous electrical shock or other hazards. It may also cause damage to your AT-IR300SRS. Opening the product will void the warranty.
- Do not attempt to service the unit. Instead disconnect it and contact your Authorized ATLONA reseller or contact ATLONA directly.

1. LIMITED WARRANTY

Atlona Technologies warrants that (a) its products (the "Product") will perform substantially in accordance with the accompanying written materials for a period of 3 YEARS from the date of receipt and (b) that the Product will be free from defects in materials and workmanship under normal use and service for a period of 3 years. In the event applicable law imposes any implied warranties, the implied warranty period is limited to 3 years from the date of receipt. Some jurisdictions do not allow such limitations on duration of an implied warranty, so the above limitation may not apply to Customer.

2. CUSTOMER REMEDIES

Atlona Technologies and its suppliers' entire liability and Customer's exclusive remedy shall be, at Atlona Technologies' option, either return of the price paid for the Product, or repair or replacement of the Product that does not meet this Limited Warranty and which is returned to Atlona Technologies with a copy of Customer's receipt. This Limited Warranty is void if failure of the Product has resulted from accident, abuse, or misapplication. Any replacement Product will be warranted for the remainder of the original warranty period or 3 year, whichever is longer.

3. NO OTHER WARRANTIES

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, ATLONA TECHNOLOGIES AND ITS SUPPLIERS DISCLAIM ALL OTHER WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WITH REGARD TO THE PRODUCT AND ANY RELATED WRITTEN MATERIALS. THIS LIMITED WARRANTY GIVES CUSTOMER SPECIFIC LEGAL RIGHTS. CUSTOMER MAY HAVE OTHER RIGHTS DEPENDING ON THE JURISDICTION.

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ATLONA PRODUCT REGISTRATION

Thank you for purchasing this Atlona product — we hope you'll enjoy it.

We also hope that you'll take a few moments to register your new purchase. Registration creates an ownership record if your product is lost or stolen and helps ensure you'll receive notification of performance issues and firmware updates.

At Atlona, we respect and protect your privacy and assure you that your registration information is completely secure. Of course, Atlona product registration is totally voluntary and failure to register will not diminish your limited warranty rights.

To register go to **www.atlona.com/registration**